

Abstract of the Disclosure

A method of forming battery grids or plates that includes the step of mechanically reshaping or refinishing battery grid wires to improve adhesion between the battery paste and the grid wires. The method is particularly useful in improving the paste adhesion to battery grids formed by a continuous battery grid making process (such as strip expansion, strip stamping, continuous casting) that produces grid wires and nodes with smooth surfaces and a rectangular cross-section. In a preferred version of the method, the grid wires of battery grids produced by a stamping process are deformed such that the grid wires have a cross-section other than the rectangular cross-section produced by the stamping process. The method increases the cycle life of a battery.